

INDEX

NAMES OF CONTRIBUTORS ARE PRINTED IN SMALL CAPITALS

- Alcohol and White Rats, EDWIN CARLETON MACDOWELL, 289.
- ALLEN, E. J., Progression of Life in the Sea, 481.
- Asterias, Tube-feet in, ROBERT H. BOWEN, 281.
- Axolotl, Spontaneous Metamorphosis of, W. W. SWINGLE, 560.
- BANTA, ARTHUR M., and L. A. BROWN, Eyeless Cladocera, 568.
- BELLING, JOHN, and ALBERT F. BLAKESLEE, Chromosomes in Triploid *Daturas*, 339; A. F. BLAKESLEE and J. ARTHUR HARRIS, Dominant Individuals, 458.
- BLAKESLEE, ALBERT FRANCIS, Variations in *Datura*, 16; and JOHN BELLING, Chromosomes in Triploid *Daturas*, 339; JOHN BELLING and J. ARTHUR HARRIS, Dominant Individuals, 458.
- BOWEN, ROBERT H., Tube-feet in *Asterias*, 281.
- BRIDGES, CALVIN B., Sexual and Sex-limited Characters, 51.
- BRIMHALL, DEAN R., Family Resemblances among American Men of Science, 504.
- BROWN, L. A., and ARTHUR M. BANTA, Eyeless Cladocera, 568.
- CHIDESTER, F. E., Fish Migration, 373.
- Chiton, Color Variations in, 189; "Cluster-formation" of Sperms, W. J. CROZIER, 478.
- Chromosomes, Growth Factors in, D. F. JONES, 166.
- CHURCHILL, E. P., JR., Conjugation in Shelled Rhizopods, 466.
- Cicada, Fugitive Net-veining in, W. T. M. FORBES, 191.
- Coleoptera Food Habits of, HARRY B. WEISS, 159.
- CROZIER, W. J., Color Variations in Chitons, 189; "Cluster-formation" of Sperms of Chiton, 478.
- Datura*, Variations in, ALBERT FRANCIS BLAKESLEE, 16; Chromosomes in Triploid, JOHN BELLING and ALBERT F. BLAKESLEE, 339.
- DENNY, MARTHA, and F. PAYNE, Gynandromorph in *Drosophila Melanogaster*, 383.
- Dominant Individuals, A. F. BLAKESLEE, JOHN BELLING and J. ARTHUR HARRIS, 458.
- Drosophila Melanogaster*, Complete Linkage in, MARIE S. and JOHN W. GOWEN, 286; Gynandromorph in, F. PAYNE and MARTHA DENNY, 383; Willistoni, REBECCA C. LANCEFIELD and CHARLES W. METZ, 211.
- DUNN, E. R., Salamanders and Phylogeny of Caudata, 418.
- DUNN, L. C., Crosses of Buff and Columbian Fowls, 242; Black Pigment in Domestic Fowls, 464.
- EMERSON, R. A., Bud Variations, 64.
- Environment, Effect of on Animals, A. S. PEARSE, 144.
- Evolution, Paleontology of Arrested, RUDOLF RUEDEMANN, 256.
- Family Resemblances among American Men of Science, DEAN R. BRIMHALL, 504.
- FASTEN, NATHAN, Tapeworm Infection in Washington Trout, 439.
- FELDMAN, H. W., Fourth Allomorph in Albino Series in Mice, 573.
- Fishes, Variations in, CARL L. HUBBS, 360; Migration, F. E. CHIDESTER, 373.
- FISHER, R. A., Genes, 406.
- FORBES, WM. T. M., Fugitive Net-veining in Cicada, 191.
- Fowls, Crosses of Buff and Columbian, L. C. DUNN, 242; Black Pigment in Domestic, L. C. DUNN, 464.
- Frogs, Transformation of Sex in, W. W. SWINGLE, 193.
- Genes, Individual, H. J. MULLER, 32; Location of, R. A. FISHER, 406; Crossing-over involving Three Sex-linked, in Chickens, S. SEREBROVSKY, 571.
- GOVAERTS, ALBERT, and J. ARTHUR HARRIS, Assortive Mating in Man, 381.
- GOWEN, MARIE S. and JOHN W., *Drosophila Melanogaster*, 286.
- GUYER, M. F., Serological Reactions, 80; Orthogenesis of Serological Phenomena, 116.
- HARRIS, J. ARTHUR, and ALBERT GOVAERTS, Assortative Mating in Man, 381; A. F. BLAKESLEE and JOHN BELLING, Dominant Individuals, 458.

- HAUSMAN, LEON A., Micro-filter for Minute Flagellates, 284.
- HENDERSON, L. J., Orthogenesis from Standpoint of Biochemist, 97.
- HOWELL, A. BRAZIER, Distribution of Life, 428.
- HUBBS, CARL L., Variations in Fishes, 360.
- Hybrids between Canary and Finches, O. E. PLATH, 322.
- Inbreeding, Human, JOHN RICE MINER, 188; and Relationship, SEWALL WRIGHT, 330.
- JENNINGS, H. S., Variation in Uniparental Reproduction, 5.
- JONES, D. F., Growth Factors in Chromosomes, 166.
- JUST, E. E., Rearing *Platynereis* Megalops from Eggs, 471.
- KEMPTON, J. H., Brachysm and Adherence in Maize, 461.
- LANCEFIELD, REBECCA C., and CHARLES W. METZ, *Drosophila Willistoni*, 211.
- Life, Duration of, RAYMOND PEARL and SYLVIA L. PARKER, 174, 273, 312, 385; Distribution of, A. BRAZIER HOWELL, 428; Progression of, in Sea, E. J. ALLEN, 481.
- LIPMAN, CHARLES B., Orthogenesis in Bacteria, 105.
- MACDOWELL, EDWIN CARLETON, Alcohol and White Rats, 289.
- Maize, Brachysm and Adherence in, J. H. KEMPTON, 461.
- Man, Assortative Mating in, J. ARTHUR HARRIS and ALBERT GOVAERTS, 381.
- METZ, CHARLES W., and REBECCA C. LANCEFIELD, *Drosophila Willistoni*, 211.
- Mice, Fourth Allelomorph in Albino Series in, H. H. FELDMAN, 573.
- Micro-filter for Minute Flagellates, LEON A. HAUSMAN, 284.
- MINER, JOHN RICE, Human Inbreeding, 188.
- MULLER, H. J., Individual Gene, 32.
- Orthogenesis (Symposium): from Standpoint of Biochemist, L. J. HENDERSON, 97; in Bacteria, CHARLES B. LIPMAN, 105; and Serological Phenomena, M. F. GUYER, 116; as Observed from Paleontological Evidence, H. F. OSBORN, 136.
- OSBORN, H. F., Orthogenesis, 136; Fossil Proboscideans, 448.
- PAYNE, F., Gynandromorph in *Drosophila Melanogaster*, 383.
- PEARL, RAYMOND, and SYLVIA L. PARKER, Duration of Life, 174, 273, 312, 385.
- PEARSE, A. S., Effects of Environment on Animals, 144.
- Peromyscus, Linkage in, F. B. SUMNER, 412.
- PHILLIPS, E. F., Hewitt on Conservation of Wild Life, 456.
- PLATH, O. E., Hybrids between Canary and Finches, 322.
- Platynereis Megalops, Rearing from Eggs, E. E. JUST, 471.
- Proboscideans, Migrations and Affinities of Fossil, HENRY F. OSBORN, 448.
- PRZIBRAM, HANS, Autophoric Transplantation, 548.
- Rats, Alcohol and White, EDWIN CARLETON MACDOWELL, 289.
- Rhizopods, Conjugation in Shelled, E. P. CHURCHILL, JR., 466.
- RUEDEMANN, RUDOLF, Paleontology of Arrested Evolution, 256.
- Salamanders and Phylogeny of Caudata, E. R. DUNN, 418.
- SEREBROVSKY, S., Crossing-over involving three Sex-linked Genes in Chickens, 571.
- Serological Reactions, M. F. GUYER, 80.
- Sexual and Sex-limited Characters, CALVIN B. BRIDGES, 51.
- SUMNER, F. B., Linkage in *Peromyscus*, 412.
- SWINGLE, W. W., Transformation of Sex in Frogs, 193; Spontaneous Metamorphosis of American Axolotl, 560.
- Tapeworm Infection in Washington Trout, NATHAN FASTEN, 439.
- Transplantation, Autophoric, HANS PRZIBRAM, 548.
- TRESIDDER, DONALD B., Estrus and Fecundity in Guinea Pig, 347.
- Variations, Origin of (Symposium): in Uniparental Reproduction, H. S. JENNINGS, 5; in *Datura*, due to Changes in Chromosome Number, ALBERT FRANCIS BLAKESLEE, 16; due to Change in Individual Gene, H. J. MULLER, 32; in Sexual and Sex-linked Characters, CALVIN B. BRIDGES, 51; Nature of Bud Variations as Indicated by their Mode of Inheritance, R. A. EMERSON, 64; Serological Reactions as a Probable Cause, M. F. GUYER, 80.
- WEISS, HARRY B., Food Habits of Coleoptera, 159.
- WRIGHT, SEWALL, Inbreeding and Relationship, 330.

